

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 04003700  
PUBLICATION DATE : 08-01-92

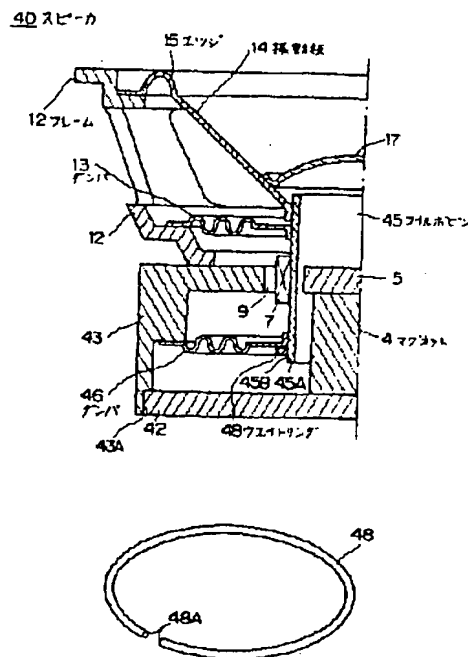
APPLICATION DATE : 20-04-90  
APPLICATION NUMBER : 02104516

APPLICANT : SONY CORP;

INVENTOR : TOMIYAKE NOBUO;

INT.CL. : H04R 9/02 H04R 31/00

TITLE : SPEAKER AND MANUFACTURE OF  
THE SAME



ABSTRACT : PURPOSE: To obtain a reproducing sound with more higher fidelity by providing a weight attaching member at the other terminal side of a voice coil on one terminal of which a diaphragm is fixed.

CONSTITUTION: In a speaker 40 in which the diaphragm 14 is fixed on the one terminal side of the voice coil 7, the weight attaching member 48 for prescribed weight is provided at the other terminal side opposite to one terminal side on which the diaphragm 14 of the voice coil 7 is fixed. Therefore, the weight distribution of vibration systems 14, 15, and 17 can be set in states almost equally or near to such states in a direction of vibration around the voice coil 7 as a vibration source. Thereby, it is possible to vibrate the vibration systems 14, 15, and 17 with more higher fidelity based on an inputted audio signal.

COPYRIGHT: (C)1992,JPO&Japio